Right for today,
ready for tomorrow

IBM Personal System/2 Model 25

Shown with optional
20MB fixed disk drive.

IBM

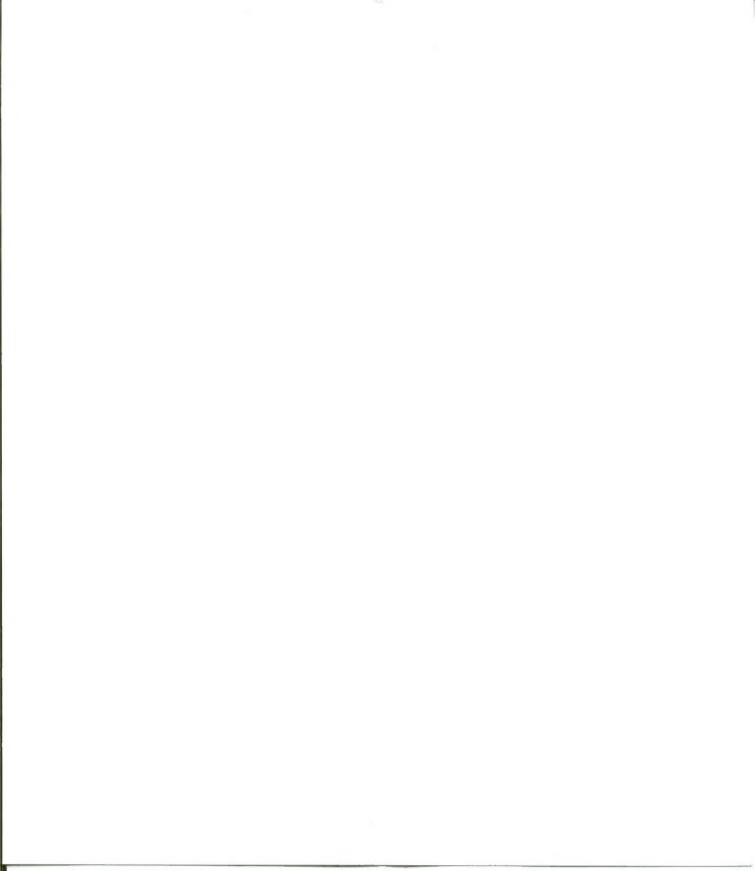The Bigger Picture

IBM Personal System/2® Model 25 at a glance

Microprocessor	8086, 8 MHz, 0 wait states, 16-bit memory data bus Optional: IBM 8087 Math Co-Processor (8 MHz)
Permanent memory (ROM)	64KB standard
Memory (RAM)	Models 25-001, -004, -G01 and -G04: 512KB standard, expandable to 640KB with memory expansion option Models 25-C02, -C05, -K02, -K05, -L01 and -L04: 640KB standard
Integrated functions	MultiColor Graphics Array (MCGA), serial port, parallel port, pointing device port, keyboard port, diskette controller, audio earphone connector
System expansion	One full-size (except Models 25-L01 and -L04) and one 8-inch expansion slot available
Operating system	DOS 3.30
Storage	Models 25-001, -004, -G01, -G04, -L01 and -L04: one 720KB 3.5-inch diskette drive Models 25-C02, -C05, -K02 and -K05: two 720KB 3.5-inch diskette drives Optional: second 720KB diskette drive (Models 25-001, -004, -G01, -G04, -L01 and -L04 only); 20MB fixed disk, IBM 5.25" External Diskette Drive, IBM 3363 Optical Disk Drive
Text/graphics support	MCGA supports existing color graphics modes and provides up to 256 colors (from a palette of over 256,000) and 64 shades of gray (monochrome)
Display modes	All CGA modes plus: 320 x 200 pels x 256 colors—all points addressable 640 x 480 pels x 2 colors—all points addressable 16 colors—8 x 16 character box (text)
Keyboard	IBM Space Saving Keyboard: 84 keys, including 12 function keys; 5-foot coiled cable (Models 25-001, -004, -C02 and -C05) IBM PS/2™ Enhanced Keyboard: 101 keys, including 3 lighted mode indicators; 6-foot coiled cable (Models 25-G01, -G04, -K02, -K05, -L01 and -L04)
Displays	Models 25-001, -G01, -C02, -K02 and -L01: 12-inch (diagonal measurement) monochrome display Models 25-004, -G04, -C05, -K05 and -L04: 12-inch (diagonal measurement) color display
Supported printers	IBM Proprinter™ family, IBM Quietwriter® printers, IBM Wheelprinters, IBM Color Jetprinter
Communications support	IBM Token-Ring Network, IBM PC Network, IBM PC Network Baseband, 3278/79 Emulation, 5250 Emulation
Power supply	90-watt (Models 25-001, -G01, -C02, -K02 and -L01) or 115-watt (Models 25-004, -G04, -C05, -K05 and -L04);[1] 50-60 Hz; switchable between low range (90-137 VAC) and high range (180-259 VAC)
Size	Approx. 15" H x 12.6" W x 14.8" D (382mm x 320mm x 375mm); 31 lbs. (14 kg) monochrome unit, 36 lbs. (16 kg) color unit (LAN Station Models 25-L01 and -L04 weigh an additional 1 lb. each)

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[1] Supplies power to both system and display.
[2] 8½ x 11-inch, double-spaced typewritten pages.

IBM Personal System/2 Model 25 features

Integrated design and construction	Pack more capabilities into fewer components; reduce footprint; combine system and display into a single unit; accept expansion cards; use fewer internal cables and connections	Better price/performance; suitability for small or crowded spaces; simplified setup, operation and expansion; enhanced reliability as components are designed and tested to work together
Simplified power system	Uses only one power cable and plug; provides a convenient outlet for printer	Quick and simple setup; no need for multiple outlets; convenient movement from one location to another; neater appearance due to fewer cables
IBM Space Saving Keyboard	Requires less space on desktop; has 84 keys, including 12 function keys	More room on desktop for files, papers or books; simplified command entry
IBM PS/2 Enhanced Keyboard	Has 101 keys, including 12 function keys and 3 lighted mode indicators	Simplified command entry; less chance of accidental printing or erasing
Built-in enhanced graphics and color capabilities	Include up to 256 colors (from a palette of over 256,000) plus monochrome palette of 64 shades of gray	High-detail color or monochrome graphics and text; improved on-screen readability
Intel 8086 microprocessor	Processes data at a clock speed of 8 MHz; 0 wait states; 16-bit memory data bus	High-speed, high-performance computing
64KB of permanent memory	Contains BASIC language interpreter and Power-on Self-test	Built-in programming aids; quick problem identification; user convenience
512KB or 640KB of memory (RAM)	Provides electronic workspace to hold programs and data	Fast data processing; management of complicated tasks such as spreadsheets
720KB 3.5-inch diskette drives	One or two built-in diskette drives provide storage for up to 360 or 720 pages[2] of information, respectively	Ability to create portable and backup files
3.5-inch diskettes	Protect media in hard plastic enclosure	Smaller, more portable; reliable storage
Fixed disk drive option	Provides an additional 20MB of storage	Easy expansion of fixed disk storage capability
5.25-inch external diskette drive option	Provides capability to interchange data and software with systems that use 5.25-inch diskettes	Compatibility with IBM PC 360KB diskettes
Two expansion slots	Accept one full-size (except LAN Station Models 25-L01 and -L04) and one 8-inch expansion card	System growth potential to keep pace with changing needs
Communications capability	Allows use of Model 25 as an intelligent workstation to interface with office or school resources	Shared hardware and software; electronic mail capabilities; price/performance and productivity benefits
Bolt-down feature	Secures entire unit in place on table or desk	Less possibility of unauthorized removal
IBM support and service	Assure parts and service nationwide; offer 12-month limited warranty	Customer purchase backed by IBM support and service